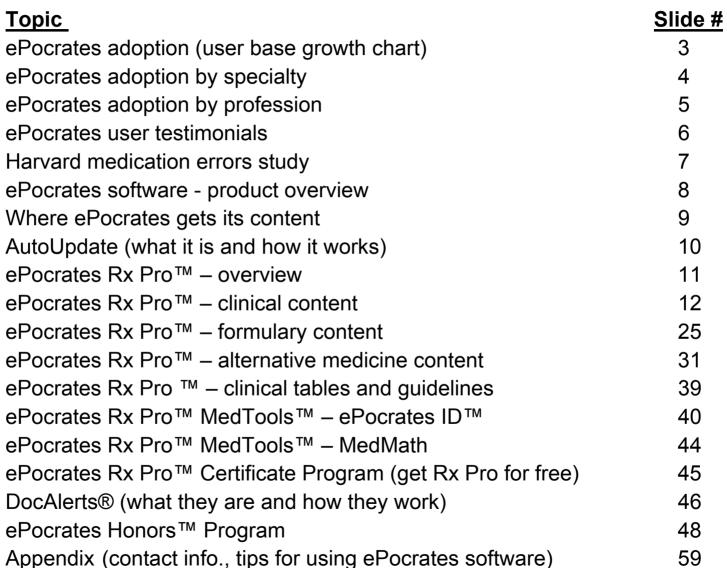
CPOCRATES[™]

INTUITIVE SOLUTIONS FOR THE MEDICAL MIND

ePocrates Detailed Guide

Updated September 27, 2002

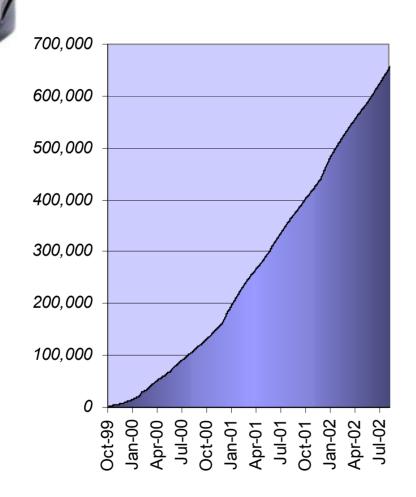






The most popular PDA drug reference

ePocrates adoption



¹Dr. Robert Hogan, JAMA, July 11, 2001 - Vol 286, No. 2

- Over 650,000 total users, including 285,000 physicians
- Over 800 new users per day
- ~35% of all physicians in the U.S. representing every medical specialty have downloaded ePocrates Rx

"ePocrates Rx is state-of-the-art, the benchmark, the one to have and keep." - JAMA

"We recommend ePocrates Rx as a cost-effective way to reduce medication errors."²
- ISMP MEDICATION SAFETY ALERT

² ISMP Medication Safety Alert. May 31, 2000. Vol 5, Issue 11.



Over 35% of all physicians in the U.S.*, representing every medical specialty, use ePocrates software including:

- 69% of oncologists
- 64% of I.D. specialists
- 63% of emergency physicians
- 61% of nephrologists
- 57% of pulmonogolists
- 55% of cardiologists
- 53% of vascular surgeons
- 52% of endocrinologists
- 47% of neurologists
- 43% of internists
- 42% of allergists and immunologists
- 41% of anesthesiologists
- 37% of otolaryngologists
- 36% of rheumatologists

- 36% of neurosurgeons
- 36% of family practice physicians
- 33% of general surgeons
- 33% of urologists
- 32% of plastic surgeons
- 32% of rehabilitation physicians
- 31% of pediatricians
- 31% of dermatologists
- 29% of OB/Gyn's
- 28% of hematologists
- 25% of orthopaedic surgeons
- 24% of cardiac/thoracic surgeons
- 23% of psychiatrists
- 21% of ophthalmologists

^{*} Percentages based on ePocrates user registration and AMA physician numbers (6/2002)

The most popular PDA drug reference

Over 600,000 <u>healthcare professional</u> users









- 285,000 Physicians
- 75,000 Nurses/CRNA's
- 58,000 Medical students
- 50,000 Pharmacists
- 25,000 Nurse practitioners
- 22,000 EMT's/Paramedics
- 20,000 Physician Assistants
- 20,000 Dentists

- And 47,000 others
 - Optometrists
 - Veterinarians
 - Psychologists
 - Podiatrists
 - Chiropractors
 - Dieticians
 - And more



What ePocrates users are saying . . .

"I use ePocrates Rx Pro numerous times every day and it has already become indispensable. It makes my job more efficient, helping me prevent medication errors and cut down pharmacy callbacks. Now, it has also given me more confidence with alternative meds."

- DR. MONTEE, KLAMATH FALLS, OR

"I have been using ePocrates for about a year. I find that it is incredibly helpful, and I am constantly reaching for my palm pilot to check on something. It is infinitely easier than looking for the PDR."

- DR. LICKER, DESOTO, TX

"The other day I advised a surgeon on Levaquin dosing. Something was nagging me so I looked up the dosing on ePocrates Rx and found my error. I called the floor and corrected the potential overdose before it happened."

- DR. DELEEUW, KEY BISCAYNE, FL



Harvard study finds ePocrates Rx[™] reduces medical errors

- Investigators at Brigham and Women's Hospital conducted a sevenday, online survey of physicians who used ePocrates Rx during March 2000
- Published in the May/June 2002 issue of the Journal of the American Medical Informatics Association (JAMIA)
- Some of the survey's significant findings include:
 - 50% of physicians indicated that using <u>ePocrates Rx helped them</u> avoid one or more adverse drug events per week
 - 80% said that ePocrates Rx improved their drug knowledge and improved patient care
 - Practice efficiency was rated as improved by over 80% of respondents in both inpatient and outpatient settings
 - More than 50% of physicians said that patients were more satisfied with their care



ePocrates is offering two new clinical applications for Palm OS handheld devices



ePocrates Rx Pro
Premium Clinical
Software Suite - \$49.99/yr
(Not available for Macs)



<u>ePocrates Rx</u>™ Clinical Drug Database - Free

Features Include:

- Over 2,700 drug monographs
- Formulary information
- MultiCheck™ with alt meds
- AutoUpdate
- Requires 2.7 MB of memory

Plus <u>new</u> content and features (in color):

- <u>Alternative medicine</u> monographs and interactions
- <u>ePocrates ID</u>™, infectious disease guide
- <u>Clinical tables</u> and treatment guidelines
- · MedMath, clinical calculator
- Non-expiring application
- Free initial phone support
- Compatible with color devices

Features Include:

- Over 2,700 drug monographs
- Formulary information
- MultiCheck™ (no alt meds)
- AutoUpdate
- Requires 2.2 MB of memory

Notice: If you are already using ePocrates software, please upgrade to one of the new versions of ePocrates Rx™ as soon as possible. ePocrates is no longer updating the older versions (ePocrates Rx 4.0, ePocrates Rx Formulary 5.5, ePocrates ID) and they will expire.



ePocrates Content

Developed and continually updated by ePocrates' clinical editorial board of physicians and pharmacists

- Researches and evaluates manufacturer materials, drug information compendia, primary literature, specialty society recommendations, consensus guidelines and drug safety alerts
- <u>Distills content</u> from the Natural Medicines Comprehensive Database to create monographs and drug interaction content for the most commonly used and clinically significant alternative and complementary medicines
- Extensively reviews and refines each monograph
- <u>Updates the ePocrates clinical database</u> on a daily basis
- Works with a team of infectious disease specialists to regularly update ePocrates ID™, incorporating the latest specialty recommendations and guidelines
- Works with health plans to provide accurate and current formulary data, typically updated quarterly
- Note: Unlike the PDR, ePocrates does not charge pharmaceutical companies to include their clinical content



AutoUpdate – How it works

Daily updates made by the ePocrates clinical board are incorporated into your ePocrates Rx^{TM} and ePocrates Rx Pro^{TM} applications via the *AutoUpdate* feature. ePocrates recommends you AutoUpdate at least once per week.

Step 1. While connected to the Internet, place your handheld device into the cradle and push the button.



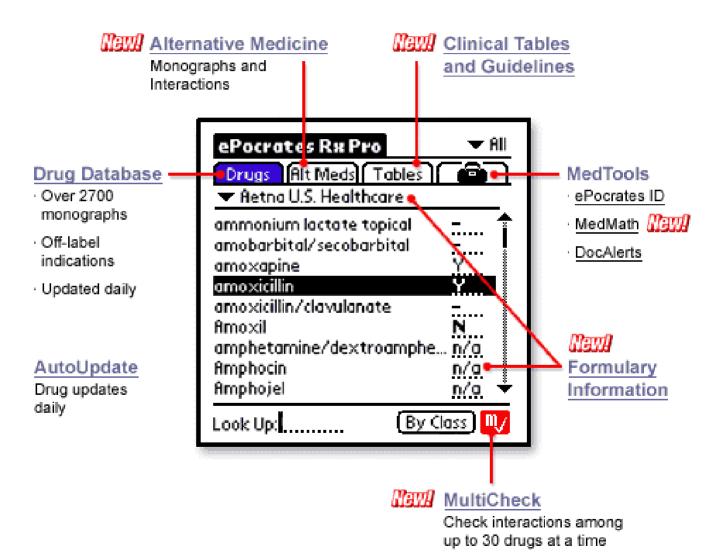


Step 2. When a picture similar but not necessarily identical to this one appears on your computer screen, you are connecting to the ePocrates servers and your ePocrates Rx^{TM} database is being updated.

Notice: If you are already using ePocrates software, please upgrade to one of the new versions of ePocrates Rx[™] as soon as possible. ePocrates is no longer updating the older versions (ePocrates Rx 4.0, ePocrates Rx Formulary 5.5, ePocrates ID) and they will expire.



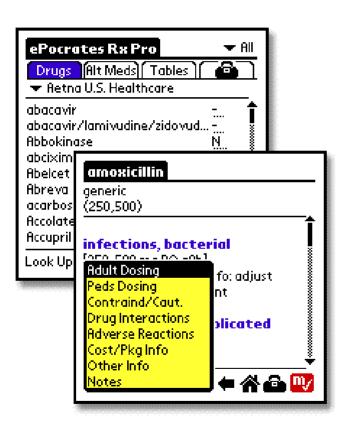
ePocrates Rx Pro™ Premium Clinical Software Suite



PAGE { 11 }



ePocrates Rx Pro™ – Clinical Drug Database



Evidence-based content distilled from primary sources and the latest treatment guidelines

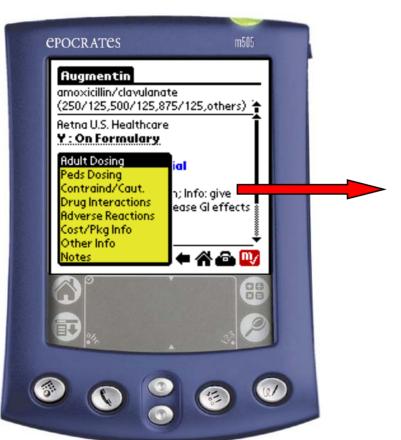
Over 2,700 branded and generic drugs including:

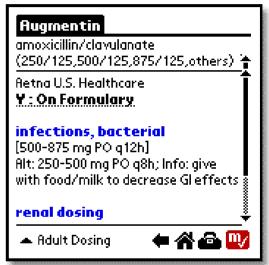
- Adult and peds dosing
- Off-label indications
- Interactions
- Adverse reactions
- Contraindications
- Mechanism of action
- Pricing/Packaging
- Other information

PAGE { 12 }



ePocrates Rx Pro™ - Clinical Drug Database Adult dosing





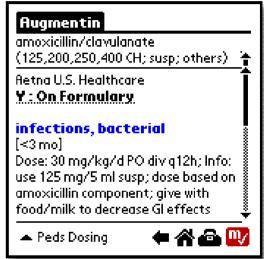
- Displays indication specific adult dosing including offlabel indications
- Lists brand name, generic name and dosage forms

PAGE { 13 } NTIAL I © 2002 by ePocrates, Inc



ePocrates Rx Pro[™] – Clinical Drug Database Pediatric dosing





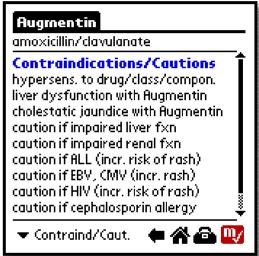
- Displays indication specific pediatric dosing by age including off-label indications
- Lists brand name, generic name and dosage forms

PAGE { 14 }



ePocrates Rx Pro[™] – Clinical Drug Database Contraindications/Cautions

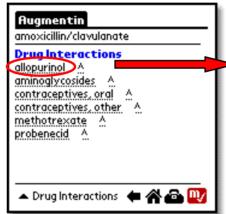




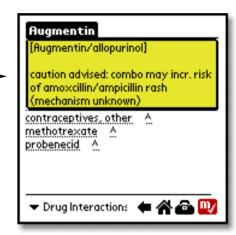
 Displays absolute contraindications, followed by relative contraindications, followed by cautions

ePocrates Rx Pro[™] – Clinical Drug Database Drug-drug and drug-alternative medicine interactions





 Displays drugs and alt meds that interact with selected drug



 Tap on any listed interaction and you will view a pop-up window that describes the specific interaction



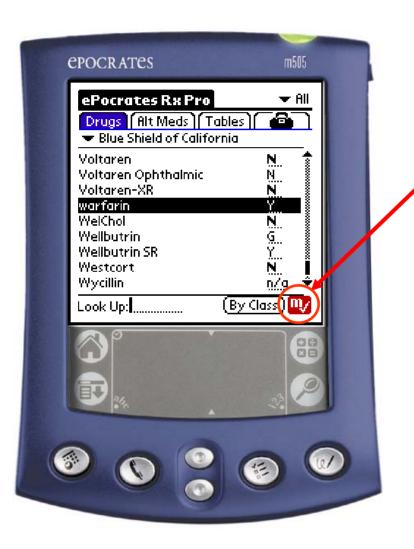
ePocrates Rx Pro[™] - MultiCheck[™] Quickly check for interactions among up to 30 drugs at once



- MultiCheck™ allows you to quickly check for multiple drug interactions at one time. This feature is integrated with our proprietary drug interactions database to provide you with concise and clinically-relevant drug interactions.
- ePocrates Rx Pro[™] users can also use MultiCheck[™] to identify interactions with over 400 alternative medicines



MultiCheck™ example



Step 1.

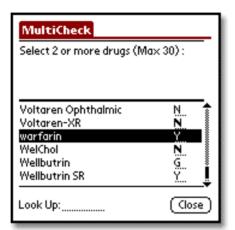
Tap the MultiCheck™ icon on the lower right hand corner of your screen.



MultiCheck™ example

Step 2.

Select up to 30 medications by tapping on each drug you want to check



Step 3.

Tap "Run" to view interactions



Step 4.

Tap on any combination to view recommended action and mechanism of interaction

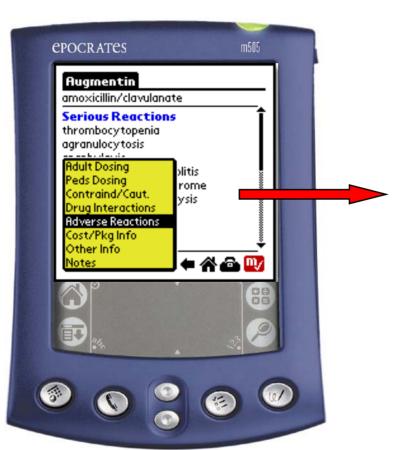


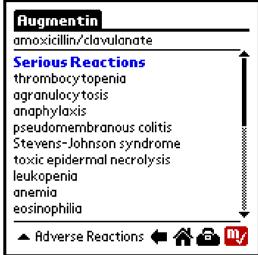


PAGE { 19 }



ePocrates Rx Pro[™] – Clinical Drug Database Adverse reactions

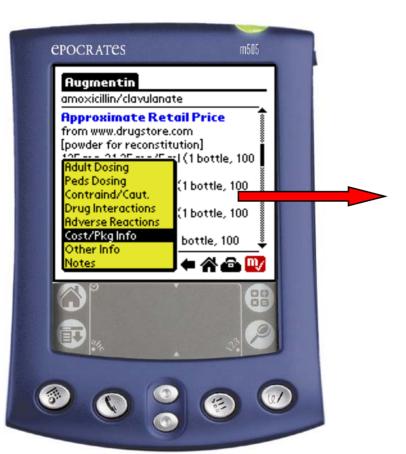




- Displays adverse reactions, listed as serious and common reactions
- Reactions are listed in order of relative frequency



ePocrates Rx Pro[™] – Clinical Drug Database Cost/packaging info

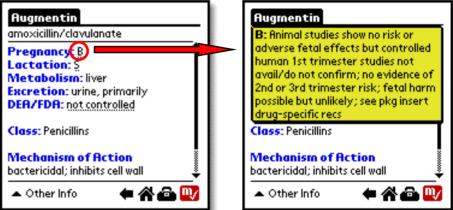




- Provides average retail pricing of each drug
- Describes different packaging and tablet sizes for which each drug can be prescribed



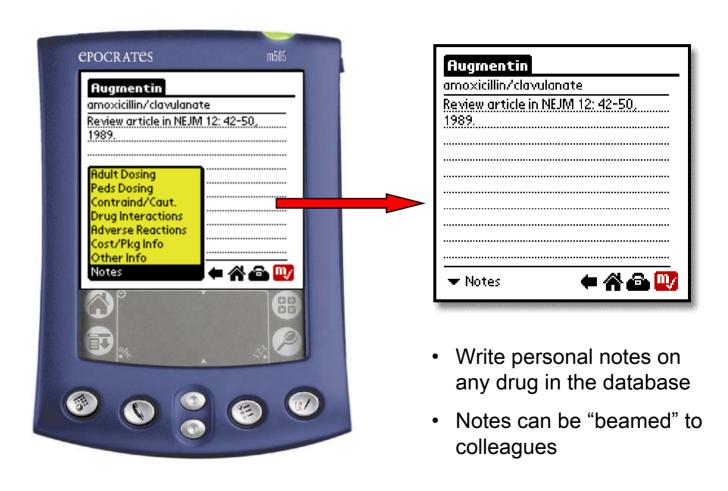




 Safety in pregnancy and lactation, mechanism of action, metabolism and excretion are displayed on one simple screen



ePocrates Rx Pro™ – Clinical Drug Database Notes

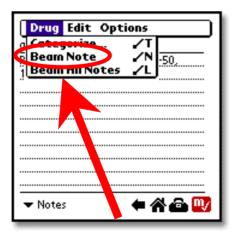


PAGE { 23 }

ePocrates Rx Pro[™] – Clinical Drug Database Beaming notes



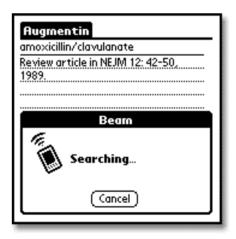
STEP 1. After opening ePocrates Rx or Rx Pro, tap the "Menu" icon



STEP 2. Tap "Beam Note"



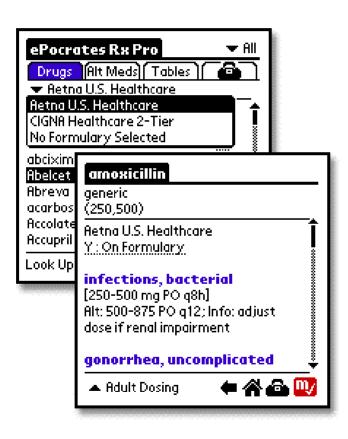
STEP 3. Point your device towards colleague's Palm OS device



STEP 4. Colleague receiving beamed information is then prompted to accept or reject note



Formularies for national and regional health plans Practice more efficiently and save your patients money



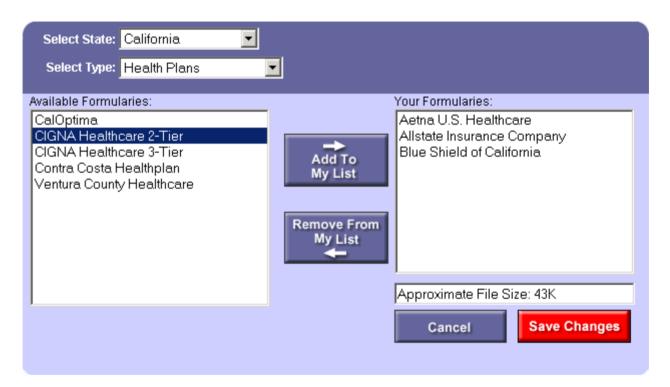
- Tired of spending so much time handling pharmacy callbacks?
- Quickly check to see which drugs are covered by your patient's insurance.
- Find information on:
 - Co-pays
 - Prior authorization requirements
 - Quantity limits
 - Step-therapy guidelines
- You decide which plans to add or delete (15-20 KB of memory per plan).

PAGE { 25 }



Customized Formulary Selection

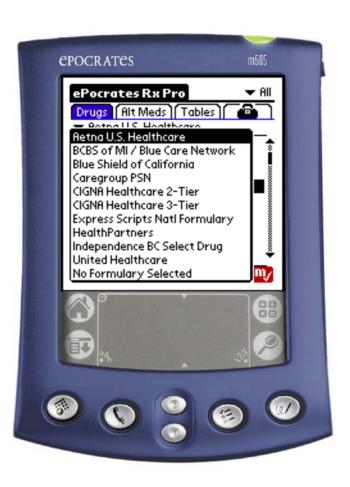
Selecting and downloading your formularies is easy



- During installation of ePocrates Rx[™] or ePocrates Rx Pro[™], you will be allowed to choose which formularies you want downloaded from the ePocrates website to your handheld device.
- You can also edit your personal formulary profile at the "My Profile" section of the ePocrates web site (in the upper right hand corner of the home page at www.epocrates.com).



Formularies Customized formulary selection



- The formularies that you selected after installation are available in the pull-down menu on the Drugs screen. View the formulary for a particular health plan by selecting the health plan from the pull-down menu.
- If you want to hide all of the formulary codes, you can select "No Formulary Selected" at the bottom of the pull-down menu.

PAGE { 27 } NTIAL I © 2002 by ePocrates, Inc





Formularies Search by brands or generics



- Select your formulary from the pull down menu, located below the "Drugs" tab.
- View a list of generic and brand drugs along with the formulary status code for each medication.



Formularies Customized for every drug



- Tapping on the Formulary
 Status Code to the right of
 each drug name opens up a
 pop-up box explaining the
 meaning of the code.
- When the Formulary Status
 Code appears in bold,
 additional information will
 appear in the pop up window,
 such as copay tier, prior
 authorization requirements, or
 quantity limits.
- You can also view formulary alternatives by selecting "Tap here for alternatives"



Formularies View and sort other alternatives by code or by drug



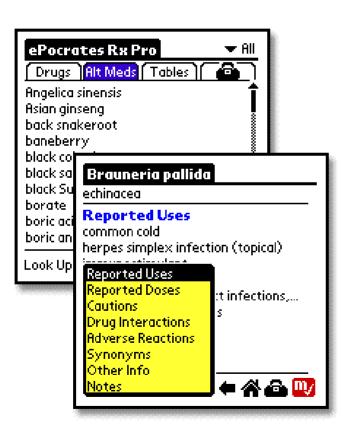
- After selecting "Tap here for alternatives" (see prior slide), you will see a list of other drugs in the same class you may want to prescribe instead, along with their formulary codes.
- Sort your alternatives "By Code" or "By Drug" by selecting an option in the pull down menu located in the top right hand corner of the screen.

PAGE { 30 }



Alternative Medicine Monographs and Interactions

Nearly 50% of patients are using complementary and alternative therapies. . . Do you have the information you need?

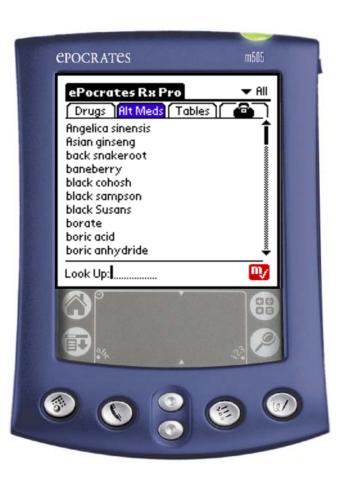


- Thoroughly researched, scientifically based database with over 400 alternative medicine monographs, including:
 - Drug Interactions
 - Adverse reactions
 - Reported Uses
 - Cautions
 - Reported Doses
 - Synonyms
- Also check interactions between up to 30 drugs and/or alternative medicines at once using MultiCheck™

PAGE { 31 }



ePocrates Rx Pro[™] – Alternative Medicines Listed in alphabetical order



- Search for the alternative and complementary medicines (e.g. herbals) that your patients are taking.
- Find comprehensive information on over 400 of the most commonly used and clinically significant agents in seconds.



ePocrates Rx Pro[™] – Alternative Medicines Reported uses

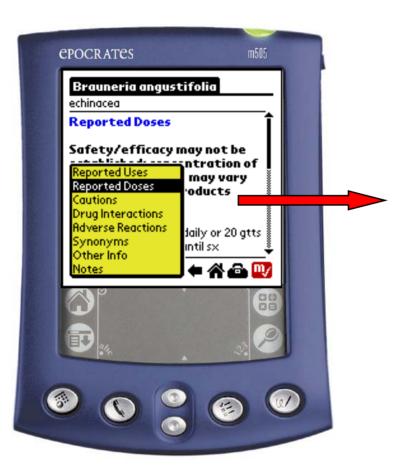


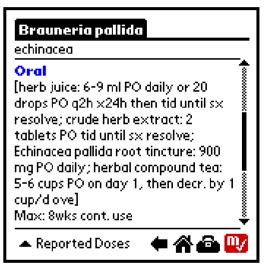


 Why is your patient taking Brauneria pallida? Find the most commonly reported uses for each alternative or complementary medicine.



ePocrates Rx Pro[™] – Alternative Medicines Reported doses



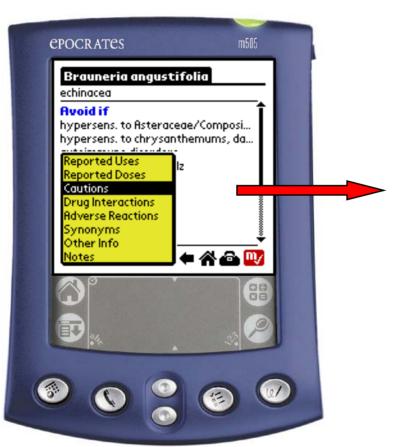


- Quickly find the most widely reported dosages used for each compound.
- Note: Safety/efficacy may not be established; Concentration of active ingredients may vary widely between products.

PAGE { 34 }



ePocrates Rx Pro[™] – Alternative Medicines Cautions

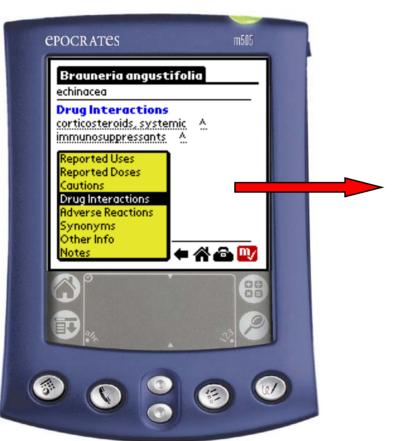




- Are your patients at risk for potential medical problems?
- Determine if your patient should be cautious with a particular alternative or complementary medicine.



ePocrates Rx Pro[™] – Alternative Medicines Drug Interactions

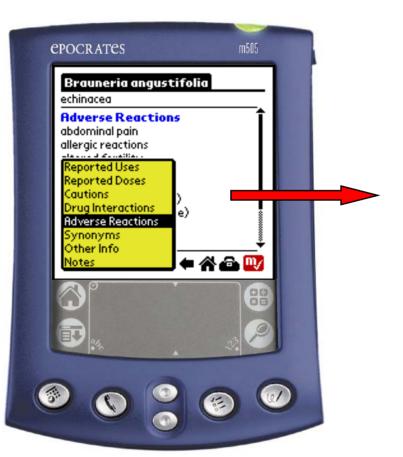




- Displays drugs and alt meds that interact with selected alt med.
- Interactions are pulled from a central database, keeping them consistent throughout the application.



ePocrates Rx Pro[™] – Alternative Medicines Adverse Reactions





- Is your patient experiencing dizziness from a medication you did not prescribe?
- Quickly identify adverse reactions that may be associated with alternative and complementary agents.

PAGE { 37 }



ePocrates Rx Pro[™] – Alternative Medicines Synonyms



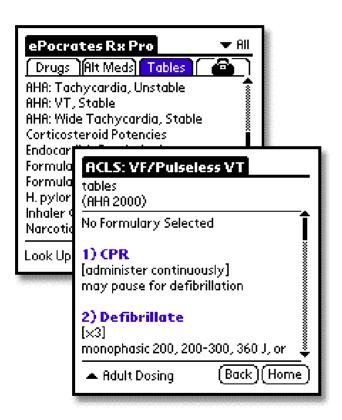


- What is a purple cone flower?
- A given alternative or complementary medicine may have multiple synonyms.
 Easily determine which agent your patient is taking.

NTIAL I © 2002 by ePocrates, Inc



ePocrates Rx Pro™ - Clinical Tables and Guidelines

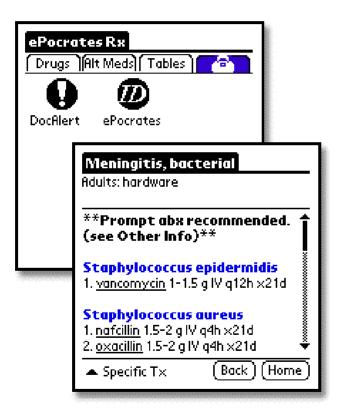


Over 40 clinical tables and guidelines that you need at the point of care:

- Treatment recommendations such as:
 - ACLS guidelines
 - PALS guidelines
 - Vaccinations schedules
 - H. pylori treatment
 - Endocarditis Prophylaxis
- Conversion tables for opiates, corticosteroids, and more
- Medical Formulas



ePocrates Rx Pro[™] - MedTools[™] ePocrates ID[™], Infectious Disease Application



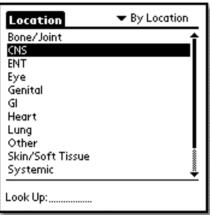
The fastest and most complete infectious disease application available

- Access ePocrates ID™ in the MedTools™ tab
- Find infectious disease treatment recommendations in 5 seconds or less
- Access comprehensive information on over 300 diagnoses, and 350 bugs and 250 drugs
- Search by location, bug or drug
- Launch into ePocrates Rx[™] clinical drug database and back

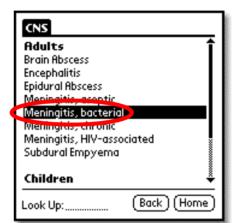
PAGE { 40 }



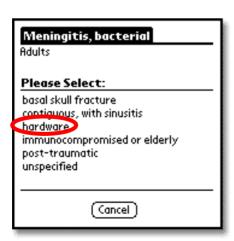
ePocrates ID™ An overview of features



1. ePocrates
ID™ thinks the
way you do.
Search by
anatomic
location to arrive
at your diagnosis
within seconds.



2. Because treatments vary, we stratify indications by age whenever possible.



3. ePocrates ID™ allows you to quickly determine the appropriate therapy for your patient by narrowing down the diagnosis with clinically significant modifiers.

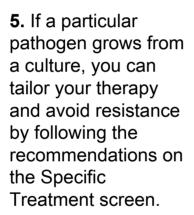


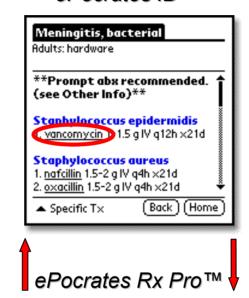
4. Easy-to-read pull down menus - like those in ePocrates Rx[™] allow you to quickly navigate between different treatment screens.



ePocrates ID™ An overview of features

ePocrates ID™







6. LAUNCHING

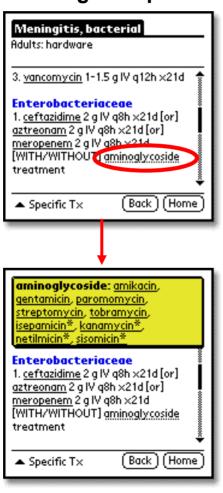
Drugs with a solid underline indicate those which link to ePocrates Rx Pro™. Touch the "Back" button and return to ePocrates ID™.

NTIAL | © 2002 by ePocrates, Inc



ePocrates ID™ An overview of features

Drug Groups



7. If a Drug Group is indicated for a particular infection, you can find the drugs in that group by tapping the group name, which has a dotted underline. The resulting popup window will also have drug names which can launch into ePocrates Rx ProTM.

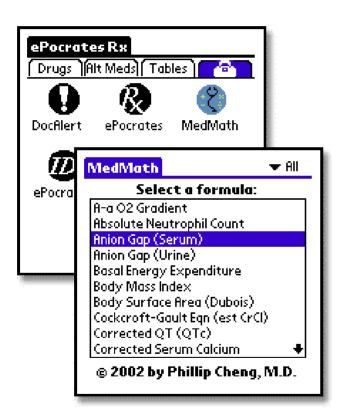
Navigation



8. In addition to searching by location, you can also quickly find treatment recommendations by bug or by drug using alternative navigation views.



MedTools[™] MedMath, Medical Calculator



Rapidly calculate over 30 of the most commonly used medical equations

- Access MedMath in the MedTools™
 tab
- Calculations include:
 - Ideal Body Weight
 - Mean Arterial Pressure
 - Body Surface Area
 - Corrected QT
 - Osmolality (serum)
- Onscreen numeric keypad entry
- Includes equations and references used to produce calculations
- Global selection of US or SI units

NTIAL | © 2002 by ePocrates, Inc



Certificate Program Upgrade to ePocrates Rx Pro™ for free

Ask your pharma rep to sponsor ePocrates Rx Pro™ for you



- ePocrates Rx Pro[™] fits within new pharma marketing guidelines so reps can buy it for clinicians as a gift by visiting www.epocrates.com.
- You can also buy one or more copies of ePocrates Rx Pro[™] for your colleagues or staff.
- Purchasers buy one or more copies of ePocrates Rx Pro[™] on the ePocrates website and then receive and distribute redemption certificate codes to end users.
- End users enter certificate codes on ePocrates website and download ePocrates Rx Pro[™].



DocAlerts® - What are they?

DocAlerts® are concise clinical, health or product related messages delivered to your handheld device after you perform a HotSync operation while connected to the Internet.



ePocrates DocAlerts® include:

- Medication safety alerts from the FDA, the ISMP (Institute for Safe Medication Practices) and the CDC (Center for Disease Control)
- Treatment guidelines from the CDC and AHRQ
- Notification of <u>recent ePocrates</u> <u>database updates</u> (new drugs, formularies, tables, etc.)
- <u>Case questions</u> to test your medical knowledge
- <u>Evidence-based medicine</u> news from leading medical journals (POEMS) and institutions
- Reuters health and medical news
- Other news about ePocrates products, features and services

PAGE { 46 }

DocAlerts® – How do they work?

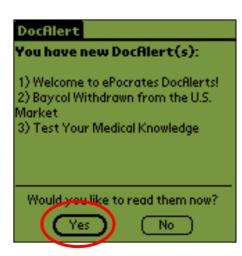
STEP 1.
HotSync your handheld device while connected to the Internet



step 3. After reading the DocAlert, you may tap "Yes" to request more information, tap "No" to move onto the next message or tap "Hold" to save the message.



STEP 2. After you HotSync, you will receive up to 3 messages on your handheld device. Click "Yes" to view them.



step 4.. If you tap "Yes," you will receive your requested information via email after your next HotSync.





ePocrates Honors[™] Participants have collectively earned over \$600,000

Clinicians get paid for sharing clinical opinions

- Clinicians can share their knowledge and express their opinions through market research
- Online surveys take between 10 to 45 minutes to complete
- Participants receive an honorarium
- In the past year, thousands of participating ePocrates Honors members have collectively earned over \$600,000 in honoraria

It only takes a minute to join ePocrates Honors™

- Log on to ePocrates website at www.epocrates.com
- Edit your user profile, leaving the first check box unchecked
- Once opted in, clinicians are eligible to receive email invitations to participate in one or more research studies
- Invitation criteria vary by study



APPENDIX

NTIAL I © 2002 by ePocrates, Inc



ePocrates contacts

Laura Kaufman

Senior Manager, Marketing

e-mail: lkaufman@epocrates.com

phone: (650) 227-1712

Technical Support

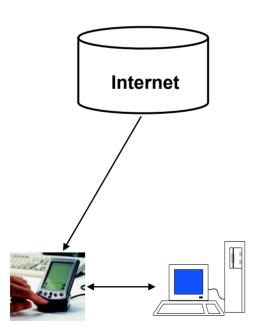
web support: www.epocrates.com/support

e-mail support: support@epocrates.com



The benefits of using a handheld device

- Portable a pocket computer that can be carried in your lab coat pocket while you're seeing patients.
- Convenient data can be easily transferred to your Palm from your computer and from the Internet, making it fast and easy to obtain the most current information available.



 View your personal calendar and contact information wherever you go.





 Instantly access up-to-date clinical, pricing and formulary information.





- Step 1. Connect to the Internet and go to http://www.epocrates.com
- Step 2. Place your Palm OS* compatible device in the cradle
- Step 3. Select which ePocrates application you'd like to download (ePocrates Rx[™] or ePocrates Rx Pro[™]) and click "Download"
- Step 4. Follow the step by step registration and installation instructions
- Step 5. For help with registration and/or download, please consult our online technical support at http://www.epocrates.com/support/
- * Including Palm, Handspring, TRG, Sony, Samsung and Kyocera Smartphone brands; ePocrates software is <u>NOT YET</u> compatible with Pocket PC handheld devices.



Additional features ePocrates Rx™ and ePocrates Rx Pro™

Tip 1. Create your own drug categories



Step 1. Tap "All"



Step 2. Tap "Edit Categories"



Step 3. Tap "New"



Step 4. Enter category name

Tip 2. File drugs in your new category



Step 5.

Select drug



Step 6. Tap menu button and tap "Categorize..."



Step 7. Tap your category of choice



Step 8. Selected drug now appears in new category



Additional features ePocrates Rx™ and ePocrates Rx Pro™

Tip 3. Set preferences (set defaults and move scrollbar left)



Step 1. Tap Menu. Under "Options", select "Preferences"



Step 2. Set default screens and tabs to automatically open to a particular screen or tab



Step 3. To move scrollbar to the left, check "Left Side Scrolling" box and tap "OK"



Step 4. Scrollbar is now on left hand side

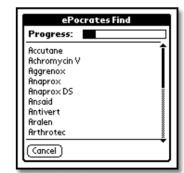
Tip 4. Find feature – search ePocrates Rx™ database



Step 1. Tap "Find" icon



Step 2. Select and type the information you want in the "Find" field; select the category in the "In" field; tap "OK"



Step 3. Screen displays which drugs match the information you entered

Example: Tinnitus is a possible adverse reaction when you prescribe any of these 106 drugs

Additional features ePocrates Rx™ and ePocrates Rx Pro™

Tip 5. Access pop ups to view drug interactions and other information

